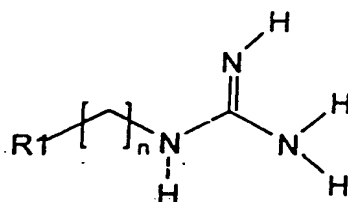
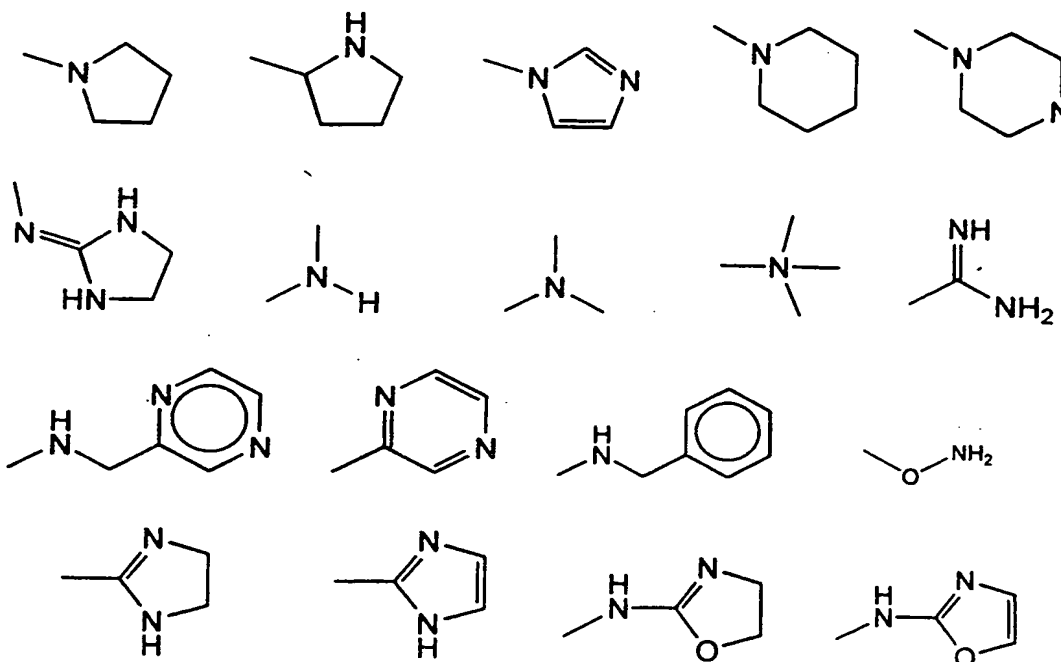


Arginine-like agmatine analogs:



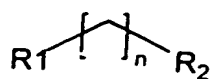
wherein R1 =



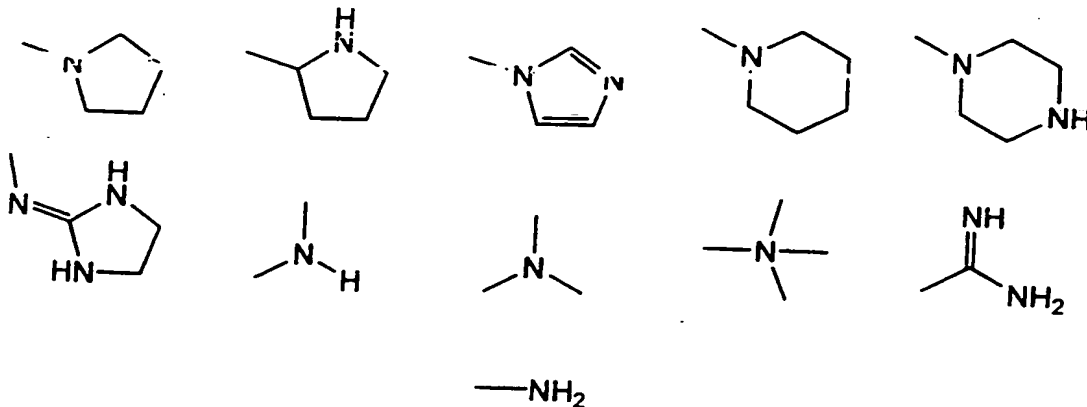
and n = 1 to 8

Fig. 1

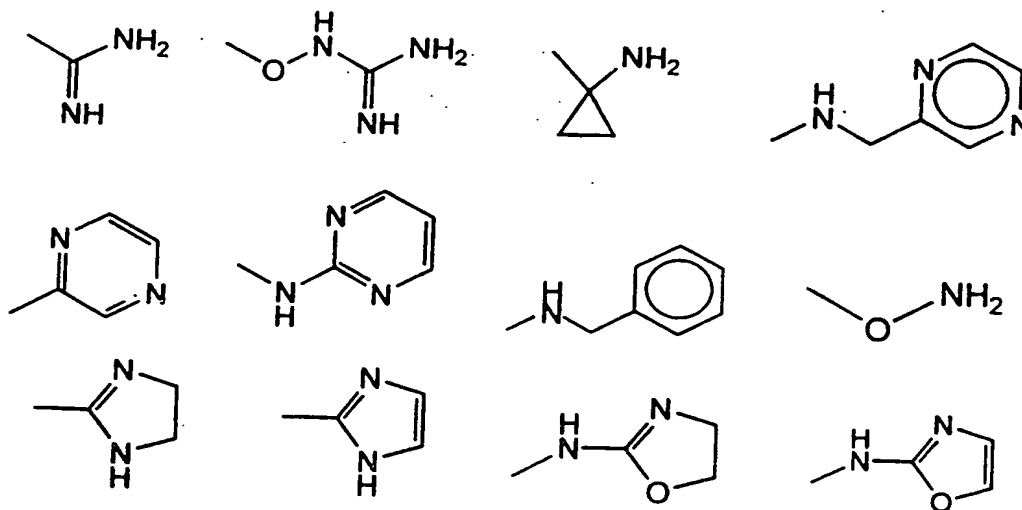
## Agmatine analogs II:



wherein R1 =



R2 =

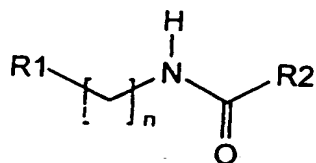
 $n = 1$  to 8, and

where R1 = R2 is permitted.

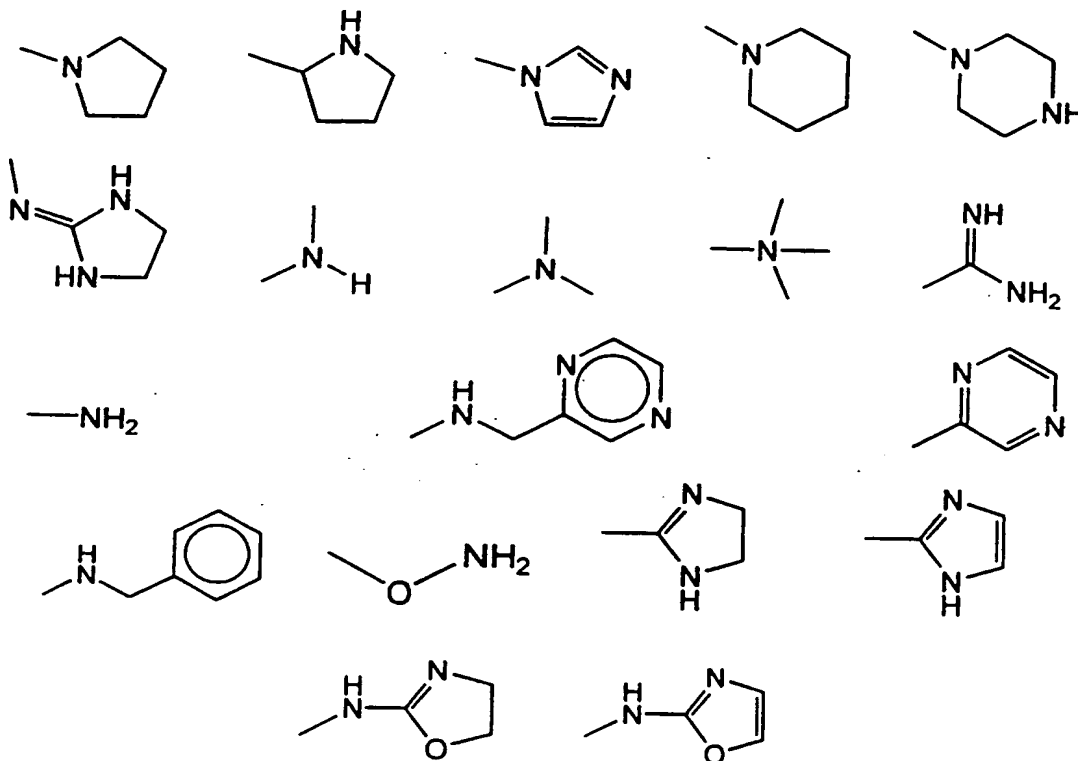
Fig. 2

Fig. 3

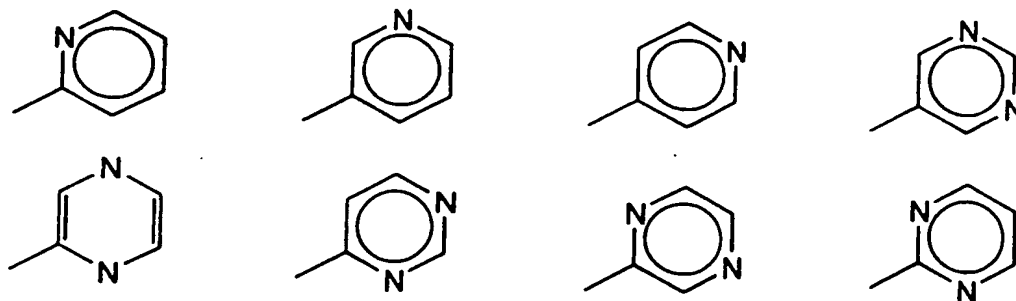
Agmatine analogs III:



wherein R1 =



and R2 =



The image displays eight chemical structures of substituted benzene rings, arranged in two rows of four. Each structure is a hexagon with a circle inside, representing a benzene ring. The structures are as follows:

- Top row, left to right:
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the top position.
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the top-right position.
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the bottom-right position.
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the bottom position.
- Bottom row, left to right:
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the top position.
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the top-right position.
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the bottom-right position.
  - 1-methoxybenzene (anisole): A benzene ring with a methyl group (CH<sub>3</sub>) at the top-left position and an oxygen atom (O) at the bottom position.

**Fig. 3 (con't)**

[illegible]

Agmatine analogs IV:

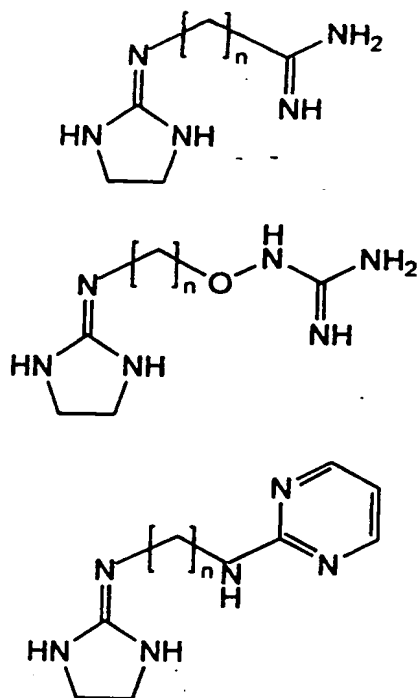
wherein  $n = 1-8$ .

Fig. 4

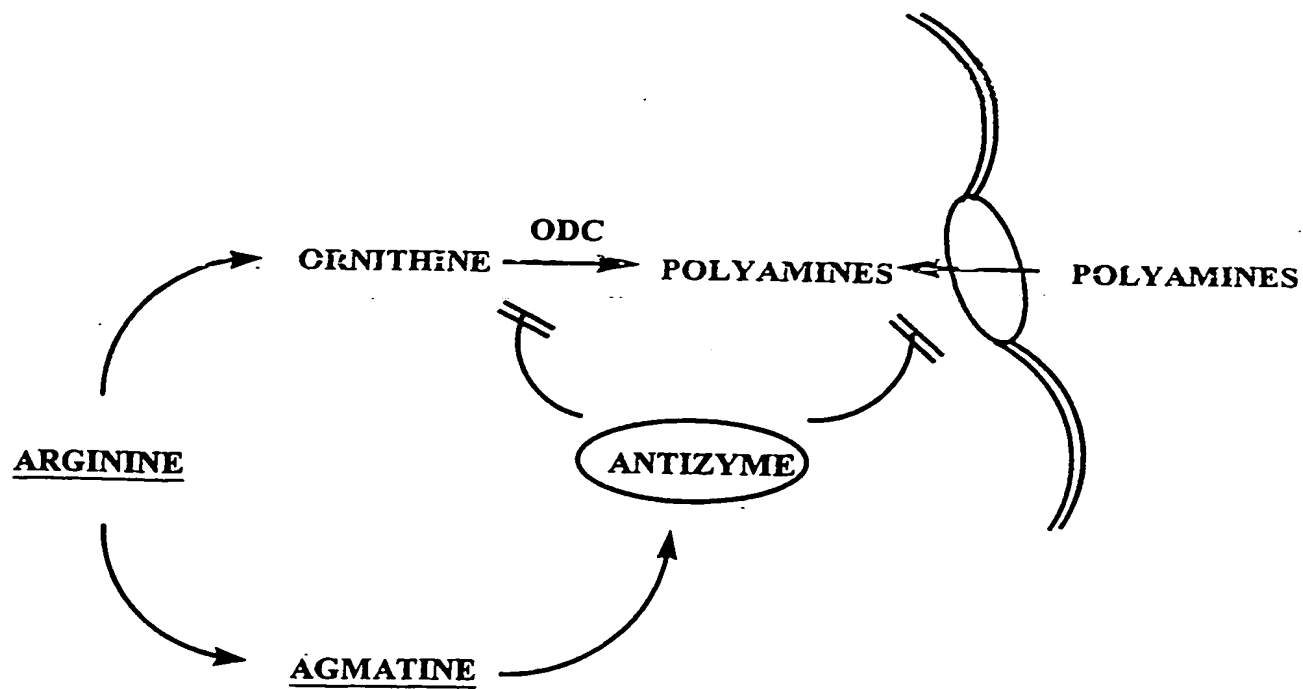


Figure 5

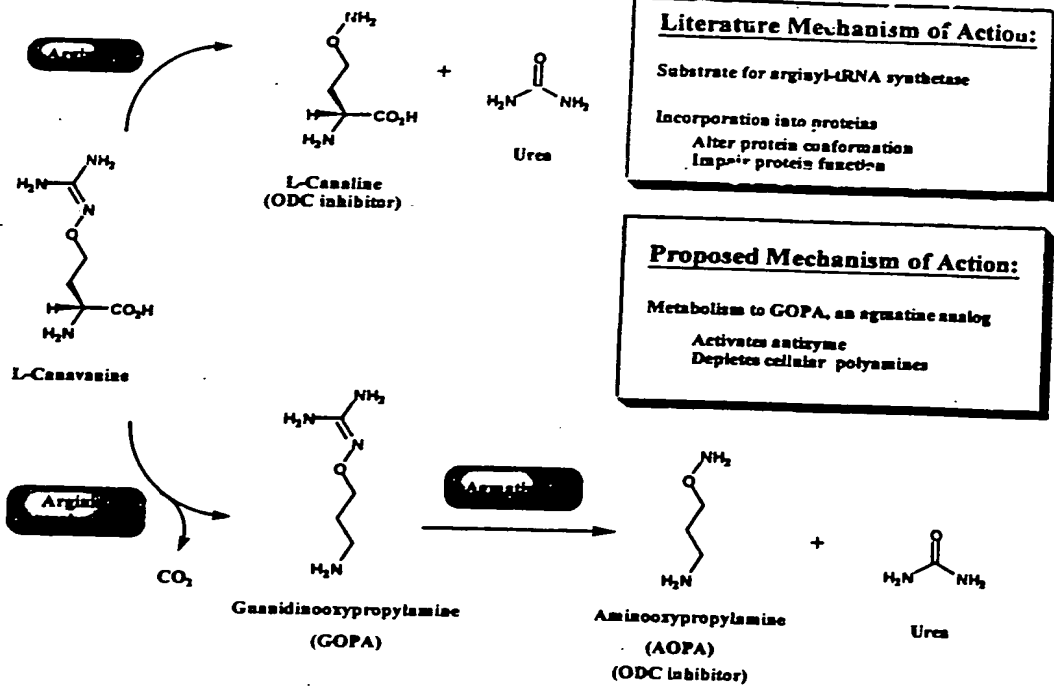
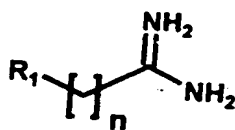
**L-Canavanine Metabolism**

Figure 7

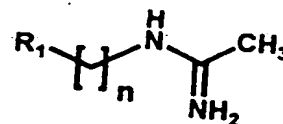
Agmatine analogs similar to other structures:

### Amidine Analogs



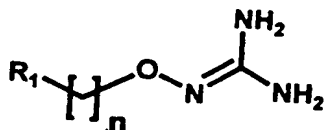
( $R_1$  as in figure 1-3)

### Acetylimide Analogs



( $R_1$  as in figure 1-3)

### Guanidinoxy Analogs

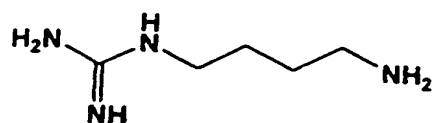


( $R_1$  as in figure 1-3)

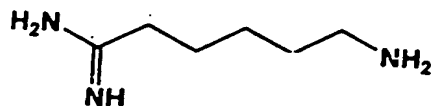
and  $n = 1-8$  for each of the above three formulas.

Figure 6

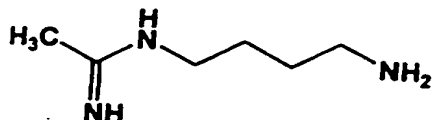


[illegible]

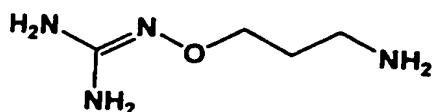
## Agmatine



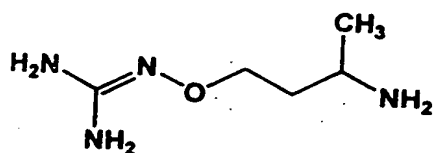
## Amidine



## Acetylimide



**GOPA**



### Methyl-GOPA

**Figure 8**